

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Jekkel et al.
Serial No. : TO BE ASSIGNED
Divisional of Serial No: 09/497,805 filed February 3, 2000
Filing Date : August 27, 2003
For: : MICROBIAL PROCESS FOR PREPARING
PRAVASTATIN
Examiner : Marx, I.
Art Unit : 1651

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In conformance with Applicants' duty of disclosure under 37 C.F.R. § 1.56 and § 1.97, the references listed on the attached form PTO-1449 (2 sheets) are hereby brought to the Examiner's attention.

In accordance with 37 C.F.R. § 1.98(d), copies of each reference are not provided as they were previously cited by or submitted to the Office in prior application Serial No.09/497,805 filed February 3, 2000.


As previously noted, the reference, Zycha H. un Siepmann, R, Mucorales. Eine Beschreibung aller Gattungen und Arten dieser Pilzgruppe. D-3301 Lehre, Verl. Von J. Cramer, 1969, listed on the accompanying PTO Form 1449, is a book and was not enclosed.

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear in the "references cited" on any patent to issue therefrom.

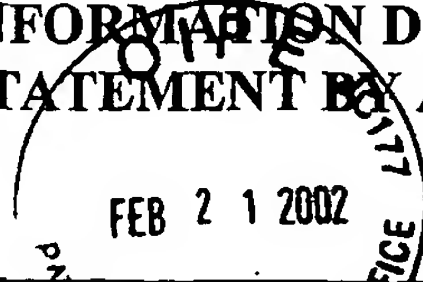
No fee is believed to be due. However, the Office is authorized to charge Kenyon & Kenyon Deposit Account 11-0600 for any underpayment, or credited for any overpayments.

Respectfully submitted,

Date: 8/27/03

By: 
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT 	ATTY. DOCKET NO. 2664/46203	U.S. SERIAL NO. 09/497,805
	APPLICANTS JEKKEL et al.	
	FILING DATE Feb. 3, 2000	GROUP 1651

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>M</i>	4,346,227	August 24, 1982	Terahara et al.			
<i>M</i>	4,537,859	August 27, 1985	Terahara et al.			
<i>M</i>	5,064,817	November 12, 1991	Yedgar et al.			
<i>M</i>	5,130,130	July 14, 1992	Menez et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
						YES	NO
	895-090	March 16, 1983	Belgium				
	58-10572	January 21, 1983	Japan				
<i>M</i>	0 605 230	July 6, 1994	Europe				
<i>M</i>	WO 97/36996	October 9, 1997	PCT				

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>M</i>	"The Therapeutic Potential of Cell-Impermeable Inhibitors of Phospholipase A ₂ " by Saul Yedgar, <u>J. Cellular Biochemistry</u> , S17D:178 (1993).
	Derwent Abs. Of WO 8806445 (88-271023) Fariss et al, 1987.
	Chem. Abs. 82:41565 Woelk et al., J. Neurol (1974) 207(4) 319-26.
	Chem. Abs. 11:740 Regelson et al. (WO 8806445) 1987.
	Chem. Abs. 118:52434 Valle et al, Abs. EP 505817 (Sept. 1992).
	Chem Abs. 112:179707 Abs. JP 01180828 Miyazawa et al. (July 1989).
	Chem. Abs. 103:20744 Khan et al., Acta Neurol. Scand. (1985)71(3)212-20.
	Endo, A. et al., "ML-236A, ML-236B, and ML-236C, New Inhibitors of Cholesterologenesis Produced by Penicillium Citrinum," J. Antibiot 29, 1346-1348 (1976).
<i>✓</i>	Endo, A. et al., "Competitive Inhibition of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase by ML-236A and ML-236B Fungal Metabolites, Having Hypocholesterolemic Activity," FEBS Lett. 72, 323-326 (1976).

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		Kuo, C.H. et al., Aromatic Hydroxylation. Hydroxybenzaldehydes from Bromobenzaldehydes via Reaction of in Situ Generated, Lithiated α -Morpholinobenzyl Alkoxides with Nitrobenzene," J. Org. Chem. 48, 1991 (1983).
		Arai, M. et al., "Pravastatin Sodium (CS-514), A Novel Cholesterol-Lowering Agent Which Inhibits HMG-CoA Reductase," Sankyo Kenkyusyo Nenpo, 40, 1-38, 1988.
		Koga, T. et al., "Tissue-selective Inhibition of Cholesterol Synthesis in Vivo by Pravastatin Sodium, a 3-Hydroxy-3-methylglutaryl coenzyme A Reductase Inhibitor," Biochim. Biophys. Acta, 1045, 115-1120, 1990.
		A.T.M., Serajuddin et al., "Relative Lipophilicities, Solubilities, and Structure-Pharmacological Considerations of 3-Hydroxy-3-Methylglutaryl-Coenzyme A (HMG-CoA), Reductase Inhibitors Pravastatin, Lovastatin, Mevastatin, and Simvastatin," J. Pharm. Sci. 80, 830-834, 1991.
		Serizawa et al., "Microbial Hydroxylation of ML-236B (Compactin) Studies on Microorganisms Capable of 3 β -Hydroxylation of ML-236B," J. Antibiotics, 36, 887-891, 1983.
		Hosobuchi, M. et al., "Application of Computer to Monitoring and Control of Fermentation Process: Microbial Conversion of ML-236B Na to Pravastatin," Biotechnology and Bioengineering, 42, 815-820, 1993.
		Matsuoka et al., "Purification and Characterization of Cytochrome P-450sca from Streptomyces Carbophilus," Eur. J. Biochem. 184, 707-713, 1989.
		Zycha, H. und Siepmann, R. Mucorales. "Eine Beschreibung aller Gattungen und Arten dieser Pilzgruppe", D-3301 Lehre, Verl. Von J. Cramer. 1969. *

* Copy of book not enclosed.

EXAMINER <i>Gene Mark</i>	DATE CONSIDERED <i>8/4/02</i>
<p>EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	